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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **491442001700**First Inventor **Marc Timothy JONES et al.**Title **SPARSE AND NON-SPARSE DATA
MANAGEMENT METHOD AND SYSTEM**Express Mail Label No. **EL989010743US****APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages **22**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets **9**]
[Total Pages **2**]
5. Oath or Declaration
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

Mail Stop Patent Application

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450**ADDRESS TO:**

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 a. Computer Readable Form (CRF)
 b. Specification Sequence Listing on:
 i. CD-ROM or CD-R (2 copies); or ii. paper
 c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Labelor Correspondence address below

* 2 5 2 2 4 *

Name	Glenn M. Kubota Morrison & Foerster LLP				
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Country	USA	Telephone	213-892-5752		Fax 213-892-5454

Name (Print/Type)	Glenn M. Kubota	Registration No. (Attorney/Agent)	44,197
Signature			Date June 27, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL989010743US, in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 27, 2003

Signature:

(Marco Jimenez)

17363 U.S. PRO
10/609289

06/27/03

TRANSMITTAL for FY 2003

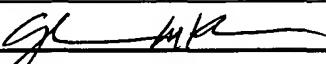
Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 535.00

<i>Complete if Known</i>	
Application Number	Not Yet Assigned
Filing Date	Concurrently herewith
First Named Inventor	Marc Timothy JONES et al.
Examiner Name	Not Yet Assigned
Group Art Unit	N/A
Attorney Docket No.	491442001700

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)									
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None	3. ADDITIONAL FEES								
<input checked="" type="checkbox"/> Deposit Account				<table border="1"> <tr><td>Deposit Account Number</td><td>03-1952</td></tr> <tr><td>Deposit Account Name</td><td>Morrison & Foerster LLP</td></tr> </table>			Deposit Account Number	03-1952	Deposit Account Name	Morrison & Foerster LLP			
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Deposit Account Name	Morrison & Foerster LLP												
<p>The Commissioner is hereby authorized to: (check all that apply)</p> <table> <tr><td><input checked="" type="checkbox"/> Charge fee(s) indicated below</td><td><input checked="" type="checkbox"/> Credit any overpayments</td></tr> <tr><td><input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application</td><td></td></tr> <tr><td><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee</td><td></td></tr> </table> <p>to the above-identified deposit account.</p>								<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Credit any overpayments	<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
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<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application													
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee													
FEE CALCULATION													
1. BASIC FILING FEE													
Large Entity		Small Entity											
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>		Fee Paid							
1001	750	2001	375	Utility filing fee			375.00						
1002	330	2002	165	Design filing fee									
1003	520	2003	260	Plant filing fee									
1004	750	2004	375	Reissue filing fee									
1005	160	2005	80	Provisional filing fee									
				SUBTOTAL (1)	(\$)	375.00							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE													
Total Claims		Extra Claims		Fee from below	Fee Paid								
24	-20** =	4	x	9.00	=	36.00							
Independent Claims		5	-3** =	2	x	42.00	= 84.00						
Multiple Dependent													
Large Entity		Small Entity											
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>		Fee Paid							
1202	18	2202	9	Claims in excess of 20									
1201	84	2201	42	Independent claims in excess of 3									
1203	280	2203	140	Multiple dependent claim, if not paid									
1204	84	2204	42	** Reissue independent claims over original patent									
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent									
				SUBTOTAL (2)	(\$)	120.00							
**or number previously paid, if greater. For Reissues, see above													
<i>*Reduced by Basic Filing Fee Paid</i>													
SUBTOTAL (3) (\$) 40.00													

SUBMITTED BY				<i>Complete (if applicable)</i>	
Name (Print/Type)	Glenn M. Kubota	Registration No. (Attorney/Agent)	44,197	Telephone	(213) 892-5752
Signature				Date	June 27, 2003

EXPRESS MAIL: EL989010743US

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